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| FORM PTO-1390 (Modified) (REV 11-98) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER 201514US2PCT | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (IF KNOWN), SEE 37 CFR 09/720260 | |
| INTERNATIONAL APPLICATION NO. PCT/JP00/02962 | | INTERNATIONAL FILING DATE 09 MAY 2000 | | PRIORITY DATE CLAIMED 10 MAY 1999 | |
| TITLE OF INVENTION DATA MULTIPLEXING METHOD AND DATA MULTIPLEXER, AND DATA TRANSMITTING METHOD AND DATA TRANSMITTER | | | | | |
| APPLICANT(S) FOR DO/EO/US Yukihiko OKUMURA, et al. | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 8. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 9. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 10. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | |
| Items 13 to 20 below concern document(s) or information included: | | | | | |
| <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A change of power of attorney and/or address letter. 19. <input type="checkbox"/> Certificate of Mailing by Express Mail 20. <input checked="" type="checkbox"/> Other items or information: | | | | | |
| Request for Consideration of Documents Cited in International Search Report Notice of Priority PCT/IB/308 Drawings (28 sheets) | | | | | |

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|---|--|--|--|---|--|
| U.S. APPLICATION NO. (IF KNOWN) SEE 09/72026 | | INTERNATIONAL APPLICATION NO. PCT/JP00/02962 | | ATTORNEY'S DOCKET NUMBER 201514US2PCT | |
|---|--|--|--|---|--|

21. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **\$1,000.00**

☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **\$860.00**

☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$710.00**

☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$690.00**

☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00**

ENTER APPROPRIATE BASIC FEE AMOUNT =

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☒ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
|--|--------------|--------------|-----------|---------------------------|
| Total claims | 24 - 20 = | 4 | x \$18.00 | \$72.00 |
| Independent claims | 6 - 3 = | 3 | x \$80.00 | \$240.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,302.00 |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/> | | | | \$0.00 |
| SUBTOTAL = | | | | \$1,302.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | \$0.00 |
| TOTAL NATIONAL FEE = | | | | \$1,302.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/> | | | | \$0.00 |
| TOTAL FEES ENCLOSED = | | | | \$1,302.00 |
| | | | | Amount to be: refunded \$ |
| | | | | charged \$ |

CALCULATIONS PTO USE ONLY


☒ A check in the amount of **\$1,302.00** to cover the above fees is enclosed.

☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **15-0030** A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:



22850

Surinder Sachar

Registration No. 34,423

(703) 413-3000

Marvin J. Spivak

SIGNATURE

Marvin J. Spivak

NAME

24,913

REGISTRATION NUMBER

1-10-01

DATE

IN RE APPLICATION OF: Yukihiro OKUMURA, et al.

SERIAL NO.: New U.S. PCT Application (Based on PCT/JP00/02962)

FILED: HEREWITH

FOR: DATA MULTIPLEXING METHOD AND DATA MULTIPLEXER, AND DATA TRANSMITTING METHOD AND DATA TRANSMITTER

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required.
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.
- ☒ Additional documents filed herewith: English Translation of Specification/Notice of Priority/PCT/IB/304 PCT Transmittal Letter/Drawings (28 sheets)/Request for Consideration/Preliminary Amendment International Search Report/Check for \$1,302.00

The fee has been calculated as shown below.

| (Col. 1) | | | (Col. 2) | | (Col. 3) | SMALL ENTITY | | OTHER THAN A SMALL ENTITY | |
|---|---------------------------|-------|--|------------------|----------|--------------|-------------------|---------------------------|-------------------|
| | CLAIMS REMAINING AFTER | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| TOTAL | * 24 | MINUS | ** 24 | = 0 | X9 = | \$ | | X18 = | \$.00 |
| INDEP | * 6 | MINUS | *** 6 | = 0 | X39 = | \$ | | X78 = | \$.00 |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | +130= | \$ | | +260= | \$ |
| TOTAL | | | | | | \$ | | TOTAL | \$.00 |

A check in the amount of \$_____ is attached.

- XX Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- XX If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.



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OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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*If the entry in Column 2 is less than the entry in Column 1 write "0" in Column 3.
 **If the "Highest Number Previously paid for" IN THIS SPACE is less than 20 write "20" in this space.
 ***If the "Highest Number Previously paid for" IN THIS SPACE is less than 3 write "3" in this space.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yukihiro OKUMURA, et al.

SERIAL NO.: NEW U.S. PCT APPLICATION

FILED: HERewith

INTERNATIONAL APPLICATION NO.: PCT/JP00/02962

INTERNATIONAL FILING DATE: 09 MAY 2000

FOR: DATA MULTIPLEXING METHOD AND DATA MULTIPLEXER, AND DATA TRANSMITTING METHOD AND DATA TRANSMITTER

**REQUEST FOR PRIORITY UNDER 35 U.S.C. 119
AND THE INTERNATIONAL CONVENTION**Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In the matter of the above-identified application for patent, notice is hereby given that the applicant claims as priority:

| <u>COUNTRY</u> | <u>APPLICATION NO.</u> | <u>DAY/MONTH/YEAR</u> |
|----------------|------------------------|-----------------------|
| JAPAN | 11/129056 | 10 MAY 1999 |

A certified copy of the corresponding Convention application(s) was submitted to the International Bureau in PCT Application No. PCT/JP00/02962. **Receipt of the certified copy(s) by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.**

Respectfully submitted,
OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

**22850**

Marvin J. Spivak
Attorney of Record
Registration No. 24,913
Surinder Sachar
Registration No. 34,423

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yukihiro OKUMURA, et al.

SERIAL NUMBER: NEW U.S. PCT APPLICATION (based on PCT/JP00/02962)

FILED: HERewith

FOR: DATA MULTIPLEXING METHOD AND DATA MULTIPLEXER, AND DATA
TRANSMITTING METHOD AND DATA TRANSMITTER

**REQUEST FOR CONSIDERATION OF DOCUMENTS
CITED IN INTERNATIONAL SEARCH REPORT**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In the matter of the above-identified application for patent, notice is hereby given that applicant(s) request that the Examiner consider the documents cited in the International Search Report according to MPEP §609 and so indicate by a statement in the first Office Action that the information has been considered. When the Form PCT/DO/EO/903 indicates both the search report and copies of the documents are present in the national stage file, there is no requirement for the applicant(s) to submit them (1156 O.G. 91 November 23, 1993).

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



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